

# SOUTH DAKOTA PETROLEUM RELEASE COMPENSATION FUND

## ESTIMATE WORKSHEET FOR DETERMINING REASONABLE CONTRACTOR/EXCAVATION EXPENSES

2004

**Contractor Name:**

**PRCF #:**

**Invoice Amount:**

**Tank Removal** - Includes equipment mobilization, tank removal, loading tanks, hauling up to 5 miles, disposal (If tanks are located in the same excavation bed, subtract 35% from the incremental total amount.)

Under 700 gallons	\$665.00/tank
700 - 5,000 gallons	\$890.00/tank
6,000 - 8,000 gallons	\$1,160.00/tank
9,000 - 12,000 gallons	\$1,500.00/tank
Above 12,000 gallons	\$2,010.00/tank
For tanks in same bed:	Subtract 35%

**Tanks Purging and Decommissioning** (using carbon dioxide gas).

Add: \$3.65/100 gallon tank capacity

**Tank Cutting** - Includes cutting expenses necessary for safe decommissioning only. This includes use of explosivity meter, use of cutting or sawing equipment, and labor to remove each end of the tank.

Under 4,000 gallons nominal capacity	\$145/tank
Above 4,001 gallons nominal capacity	\$200/tank

If remote cutter is used, add \$250/tank                      \$250/tank

**Saw Concrete** (per linear foot)

	<u>Saw 4" Concrete</u>	<u>Saw 6" Concrete</u>
Under 200 Ft	\$2.26/Ft	\$3.40/Ft
200 - 1,000 Ft	\$1.98/Ft	\$2.66/Ft
Over 1,000 Ft	\$1.70/Ft	\$2.28/Ft

**Saw Asphalt** (per linear foot)

	<u>Saw 3" Asphalt</u>	<u>Saw 4" Asphalt</u>	<u>Saw 6" Asphalt</u>
Under 450 Ft	\$0.85/Ft	\$1.13/Ft	\$1.70/Ft
450 - 1,000 Ft	\$0.65/Ft	\$0.85/Ft	\$1.28/Ft
Over 1,000 Ft	\$0.50/Ft	\$0.65/Ft	\$0.93/Ft

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**Asphalt Removal**

Remove Asphalt Pad	\$3.60/Sq Yd
Remove Asphalt Curb	\$2.15/Linear Ft
Add: For < 500 Sq Ft	35%

**Concrete Removal** - Includes removal, loading and hauling to dump site within 6 miles radius. Costs are for in-place measurements.

6" or under Concrete	\$4.61/Sq Yd
>6" to 8" Concrete	\$6.97/Sq Yd
Over 8" Concrete	\$9.72/Sq Yd
Add: w/Rebar	15%
Add: For<500 Sq Ft	35%
6" Concrete Curb	\$2.32/Linear Ft
6" Concrete Curb and 24" Gutter	\$5.36/Linear Ft

**Excavation** - Costs include either loading directly into trucks or stockpiling adjacent to excavation and rehandling excavated material to load into trucks.

Excavate Soil (in-place)	\$4.47/Cu Yd
Add: For < 500 Cu Yds	35%
Add: For >= 500 But <1000 Cu Yds	15%

Mobilization/Demobilization of Excavation Equipment	\$350/Site
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**Hauling** - Costs include equipment and operator costs for hauling contaminated soil to an approved dump site and fill material to an excavation site. On-site time resulting from loading activities or inefficiencies due to direct loading into trucks is included in the allowance for excavation. An allowance for a minimum hauling distance of 10 miles (*one way*) is provided.

Hauling contaminated soil to dump site (one way distance)

0 - 10 miles	.25/Cu Yd/loaded mile
> 10 miles	.21/Cu Yd/loaded mile for each additional mile above 10 miles.

Hauling fill material to excavation site (one way distance)

0 - 10 miles	.25/Cu Yd/loaded mile
> 10 miles	.21/Cu Yd/loaded mile for each additional mile above 10 miles.

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**Fill Material and Compaction**

Fill (Non-select material)	
	\$2.00/Cu Yd w/o receipts
	\$4.00/Cu Yd w/receipts
	up to \$6.00/Cu Yd w/3 quotes:
Placement and Compaction	\$1.50/Cu Yd
Compaction Tests	\$90/test

**Resurfacing with 6" Concrete** (Includes 4" compacted rock base, forms, vapor barrier, reinforcing mesh or fiber, keyway, concrete in place, finish and cure)

Concrete Surfacing	\$3.70/Sq Ft
For each inch more or less adjust \$0.45/Sq Ft:	
Add: For Jobs < 500 Sq Ft	35%
Less: Depreciation of Old Surface	%

**Resurfacing with Asphalt** - An allowance will be made based upon local labor and materials costs. Suppliers invoices must be provided before the allowance can be made.

Asphalt Surfacing	\$/Sq Ft
Less: Depreciation of Old Surface	%

**Island Forms**

4' x 10' w/2' bumpers	\$490.00 each
4' x 16' w/2' bumpers	\$540.00 each

**Other Misc.**

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**2% Excise Tax:**

**Other Tax:**

**Total Estimate:**

The unit costs cited in this document are guidelines to be used by the PRCF in reviewing eligible expenses incurred by a covered party for corrective action of a petroleum release. These guidelines are an average from several sources. They do not take into account special conditions associated with any particular project which would increase or decrease the amount reasonably necessary to do the task. These figures are exemplary only and may be adjusted on a case-by-case basis to reflect actual project conditions. These guidelines are not intended to establish the costs incurred in any particular project.